

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

[1] (Original) A manufacturing method of a transparent polypropylene based sheet that uses a resin composition containing: 70 to 99.8 mass% of a polypropylene resin (a) having an isotactic pentad fraction of 0.85 to 0.99 and a melt flow rate (MFR) of 0.1 to 30g/10min; and 30 to 0.02 mass % of a metallocene-type ethylene- α -olefin copolymer (b) that is produced using a metallocene catalyst and having a density of 880 to 920 kg/m³ and a melt flow rate (MFR) of 1 to 30g/10 min, the method comprising:

a melt extrusion step for melt-extruding the resin composition into a sheet-like shape;
a cooling step for quenching the melt-extruded sheet-like resin composition to obtain a sheet-like article; and
a heat treatment step for heat-treating the quenched sheet-like article at a heat treatment temperature of 100 to 220°C.

[2] (Original) The manufacturing method according to claim 1, wherein the polypropylene resin (a) and the metallocene-type ethylene- α -olefin copolymer (b) do not preferably contain a nucleating agent.

[3] (Currently Amended) The manufacturing method according to claim 1 or 2, wherein the cooling step includes at least one of:
quenching the melt-extruded sheet-like resin composition by allowing the sheet-like resin composition to pass through a slit through which cooling water flows; and
quenching the melt-extruded sheet-like resin composition by allowing the sheet-like resin composition sheet to travel between and in contact with a cooling roller and an endless belt.

[4] (New) The manufacturing method according to claim 2, wherein
the cooling step includes at least one of:
quenching the melt-extruded sheet-like resin composition by allowing the sheet-like resin composition to pass through a slit through which cooling water flows; and
quenching the melt-extruded sheet-like resin composition by allowing the sheet-like resin composition sheet to travel between and in contact with a cooling roller and an endless belt.
[45] (Currently Amended) The manufacturing method according to any one of claims 1 to 3, wherein, in the heat treatment step, front and back surfaces of the sheet-like article are held

with a metallic endless belt and/or a metallic roller to heat the sheet-like article, the metallic endless belt and/or the metallic roller having a mirror-finished surface.

[6] (New) The manufacturing method according to claim 2, wherein, in the heat treatment step, front and back surfaces of the sheet-like article are held with a metallic endless belt and/or a metallic roller to heat the sheet-like article, the metallic endless belt and/or the metallic roller having a mirror-finished surface

[7] (New) The manufacturing method according to claim 3, wherein, in the heat treatment step, front and back surfaces of the sheet-like article are held with a metallic endless belt and/or a metallic roller to heat the sheet-like article, the metallic endless belt and/or the metallic roller having a mirror-finished surface

[8] (New) The manufacturing method according to claim 4, wherein, in the heat treatment step, front and back surfaces of the sheet-like article are held with a metallic endless belt and/or a metallic roller to heat the sheet-like article, the metallic endless belt and/or the metallic roller having a mirror-finished surface

[§9] (Currently Amended) A transparent polypropylene based sheet that uses a resin composition containing: 70 to 99.8 mass% of a polypropylene resin (a) having an isotactic pentad fraction of 0.85 to 0.99 and a melt flow rate (MFR) of 0.1 to 30g/10min; and 30 to 0.02 mass % of a metallocene-type ethylene- α -olefin copolymer (b) that is produced using a metallocene catalyst and having a density of 880 to 920 kg/m³ and a melt flow rate (MFR) of 1 to 30g/10 min, wherein:

a tensile modulus of elasticity of an extruding direction (MD direction) is 1500 MPa or higher; and

a total haze H is represented by Equation (I) below with a thickness of the sheet being t [mm]:

— (Equation I)

$$H \leq 70t^2 - 30t + 6 \quad \dots(I)$$

[§10] (Currently Amended) The transparent polypropylene based sheet according to claim §9, wherein an impact resistance at -5°C is 2000J/m or higher.